

A.2.23 AOC 2

Description

AOC 2 consists of a potential release into Tank Basin 3. Tank 3 is located in the Main Yard immediately north of Maurer Road. The Investigation Area is bounded on all sides by an earthen berm. Materials previously managed in Tank 3 include crude oil, bunker fuel, heating oil, asphalt and recovered oil from the Surge Pond.

In December of 1998, Tank 3 was dismantled. During the tank demolition project, four individual tank floors were encountered. Between the third floor and fourth floor, a layer of petroleum-stained sand was encountered. Approximately 600 cubic yards of stained sand was removed and disposed. Subsequent to removing all of the fourth floor, stained soil was encountered. The remaining floor was removed and the extent of soil contamination has been fully investigated. The results of the soils investigation have been documented in Chevron's Quarterly Progress Reports and are summarized in Table A.2.19 for delineation purposes.

As shown on Figure A.2.19 and summarized on Table A.2.19, data from four soil borings, four soil samples, fourteen post excavation soil samples, and one hydropunch sample have been used to characterize this AOC. Four borings (SB0081, SB0082, SB0083 and SB0084) were installed during the 1st-Phase Soils Investigation to provide data for source characterization of AOC 2. One soil sample was collected from each boring and analyzed for VOCs, SVOCs and TPH. Fourteen post excavation soil samples were collected as part of the Tank 3 dismantling/demolition project mentioned above, and analyzed for TPH. Additionally, four of these fourteen samples were analyzed for VOCs and SVOCs.

Soils

None of the soil samples contained exceedances of the soil delineation criteria, and no stains, odors, PID readings or other evidence of petroleum impacts were observed in any of the four samples. None of the post excavation samples contained TPH above 10,000 mg/kg, and none of the four post excavation samples analyzed for VOCs and SVOCs contained exceedances of the soil delineation criteria.

Groundwater

Although evidence of petroleum impacts was noted in hydropunch sample H0221 from the 1st-Phase Groundwater Investigation Addendum (1999), it contained no exceedances of the groundwater delineation criteria. Further discussion of the potential groundwater impacts in the area of AOC 3 is included as Section 8 of the RFI report.

Summary

In summary, no exceedances of the delineation criteria were detected in soil and water samples from within this AOC. Therefore, Chevron recommends no further action for this AOC.